

Amendments to the Specification:

Page 2, replace last paragraph with the following amended paragraph:

Therefore, according to the above statement, there are at least three functions provided from the scanner. Firstly, the scanner will own a function of optical sensor for sensitizing object. Second, it needs a loading system with the optical sensor portion for moving and scanning all objects. ~~Thirdly~~ Third, there is a function for recording in real time and transferring data. The previous data can be finally transferred to personal computer (PC). Thus, for achieving the above function, there should be a setup of the optical scan system including light source, lens, reflective lens and CCD. Also the loading system will include motor, roller and belt. For memorizing and transferring data, the system ~~concludes~~ includes some elements such as memory, data transmission line and bus.

Page 4, replace second full paragraph with the following amended paragraph:

The present invention provides a control method of full-auto mode and it can be controlled without CPU operation of computer. The main concept of this invention is that all kinds of control parameter of the scan situation is pre-loaded into the system for ASCII's use. As ~~previous~~ previously mentioned, the CPU of the computer ~~need~~ needs to poll ASIC in real time and change control parameter of the system in order to ~~responded~~ respond to any sort of situation of scan operation. ~~On the other word,~~ In other words, the setup for all suitable control parameter will depend on the different kind of situation. Unfortunately, the complex processes can seriously reduce efficiency of the scanner. ~~If all the possible~~ The situation can be listed in advance and all responded control parameter can be ~~setup~~ set up as a control table, also loaded

into the system[[,]] ~~while situation happens[[,]] all sorts of accident will be handled.~~ Thus, the ~~setup~~ set up parameter of control table is preserved inside the ASIC of scanner and it can control the operation of the scan. ~~The setup parameter of control table also will be recycled until end scan process ended.~~

Page 6, replace first paragraph with the following amended paragraph:

Figure 2 shows the first register which is called as CMC table. The main body of CMC table is a 32x4 bit registers 20, which ~~concludes~~ includes thirty-two 4-bit memory cells 21. Thee 4-bit memory cells can record the following parameter: